

Electrical adapter NEFU

FESTO



Characteristics

At a glance

- Control cabinet through-hole for Ethernet connecting cables with M12 connection

Type code

001	Series	
NEFU	Cable socket	
002	Connection technology 1	
D12	M12, D-coded	
003	Design 1	
G	Socket, straight	
004	Number of pins/wires on the left	
4	4	

005	Connection technology 2	
R3	RJ45	
D12	M12, D-coded	
006	Design 2	
DG	Socket, straight	
DW	Socket, angled	
007	Number of pins/wires on the right	
4	4	

Datasheet

General technical data

Electrical connection 1	Straight socket, M12x1, 4-pin, D-coded
Electrical connection 2	Straight socket, M12x1, 4-pin, D-coded, Angled socket, RJ45, 4-pin
Conforms to standard	EN 61076-2-101, IEC 60603-7-3
Transmission characteristics	In accordance with category 5, EN 50173, class D, In accordance with category 5, ISO/IEC 11801, class D
Operational voltage range DC	0 ... 30 V
Current rating at 40° C	2 ... 4 A
Type of mounting	Screw-clamped
Nominal torque	0.5 Nm
Degree of protection	IP20, IP65, IP67
Corrosion resistance class CRC	1 - Low corrosion stress

Operating and environmental conditions

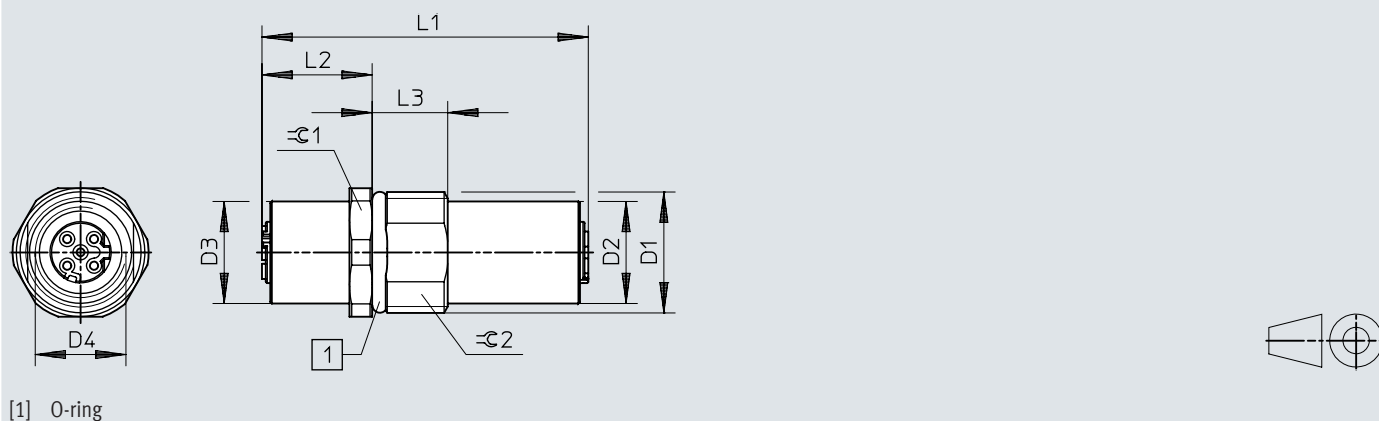
Ambient temperature	-25 ... 85°C
Pollution degree	3

Materials

Material housing	Brass, nickel-plated, PA, Die-cast zinc
Housing colour	Black, Silver
Material electrical contact	Brass, Bronze
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B2-L, VDMA24364 zone III

Dimensions

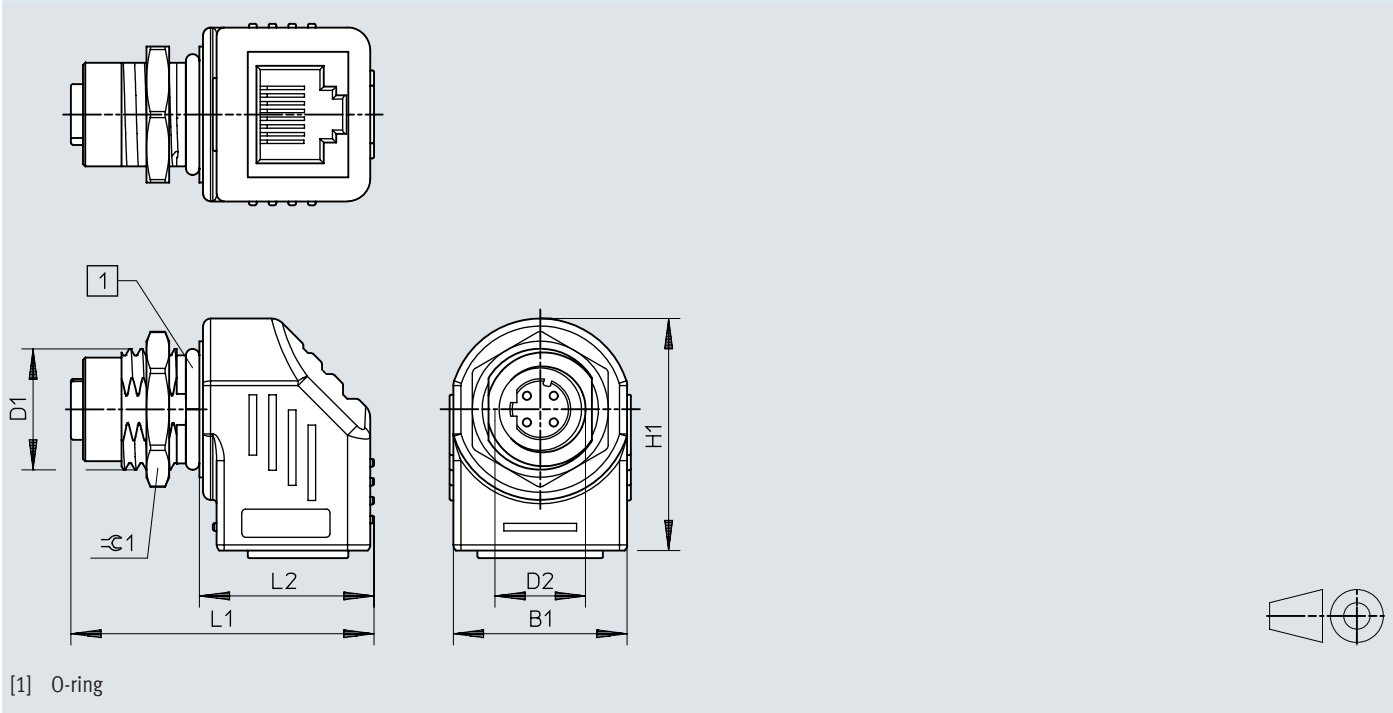
Dimensions – NEFU-D12G4-D12DG4

[Download CAD data](#) www.festo.com


	D1	D2	D3	D4	L1	L2	L3	⌀ 1	⌀ 2
NEFU-D12G4-D12DG4	M16x1,5	13,5	13,5	M12x1	43,2	14,6	10	SW17	SW14

Dimensions

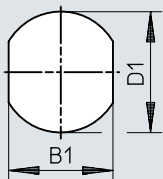
Dimensions – NEFU-D12G4-R3DW4 [Download CAD data](http://www.festo.com) www.festo.com



	B1	D1	D2	H1	L1	L2	≈ 1
NEFU-D12G4-R3DW4	23	M16x1,5	M12x1	30,7	40,1	23,1	SW18

Dimensions

Dimensions – Installation opening

[Download CAD data](#) www.festo.com

	B1	D1
1)	13,8	16

1) Installation opening

Ordering data

NEFU-D12G4-D12DG4				
	Electrical connection 1	Electrical connection 2	Part no.	Type
	Straight socket, M12x1, 4-pin, D-coded	Straight socket, M12x1, 4-pin, D-coded	8040459	NEFU-D12G4-D12DG4

NEFU-D12G4-R3DW4				
	Electrical connection 1	Electrical connection 2	Part no.	Type
	Straight socket, M12x1, 4-pin, D-coded	Straight socket, M12x1, 4-pin, D-coded	8040459	NEFU-D12G4-D12DG4